


# Anti-BAF53A antibody ab84486

[1 References](#) [画像数 3](#)

### 製品の概要

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製品名	Anti-BAF53A antibody
製品の詳細	Rabbit polyclonal to BAF53A
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, ICC/IF
種交差性	<b>交差種:</b> Mouse, Human <b>交差が予測される動物種:</b> Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Dog, Turkey, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to Human BAF53A aa 1-100. Database link: <a href="#">O96019</a>
ポジティブ・コントロール	Human controls: Breast Carcinoma, Colon Carcinoma, Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Pancreatic Islet Cell Tumor, Prostate Carcinoma, Skin Squamous Cell Carcinoma, Stomach Adenocarcinoma. Mouse controls: Colon Carcinoma CT26, Teratoma
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 製品の特性

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製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
精製度	Immunogen affinity purified
特記事項(精製)	Antibody was affinity purified using an epitope specific to BAF53A immobilized on solid support.
ポリ/モノ	ポリクローナル

## アプリケーション

**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab84486の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		1/100 - 1/500. Antigen retrieval is not essential but may optimise staining. The use of citrate buffer will enhance staining.
ICC/IF		1/100.

## ターゲット情報

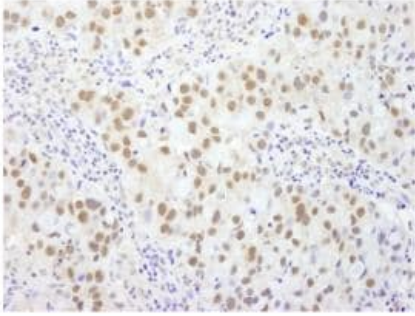
## 関連性

This protein is a family member of actin-related proteins (ARPs), which share significant amino acid sequence identity to conventional actins. Both actins and ARPs have an actin fold, which is an ATP-binding cleft, as a common feature. The ARPs are involved in diverse cellular processes, including vesicular transport, spindle orientation, nuclear migration and chromatin remodeling. This protein is a 53 kDa subunit of the BAF (BRG1/brm-associated factor) complex in mammals, which is functionally related to SWI/SNF complex in *S. cerevisiae* and *Drosophila*; the latter is thought to facilitate transcriptional activation of specific genes by antagonizing chromatin-mediated transcriptional repression. Together with beta-actin, it is required for maximal ATPase activity of BRG1, and for the association of the BAF complex with chromatin/matrix. It is required for maximal ATPase activity of SMARCA4/BRG1 and for association of the SMARCA4/BRG1 containing remodelling complex BAF with chromatin/nuclear matrix. It is a component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage.

## 細胞内局在

Nuclear

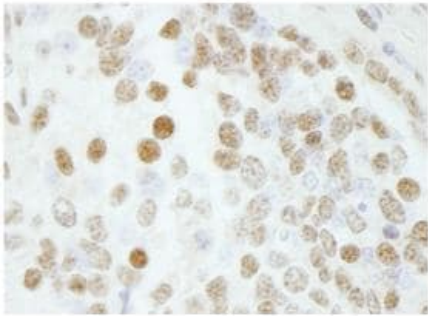
## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BAF53A antibody (ab84486)

ab84486 at 1/250 dilution staining formalin-fixed, paraffin-embedded section of human breast carcinoma by immunohistochemistry.

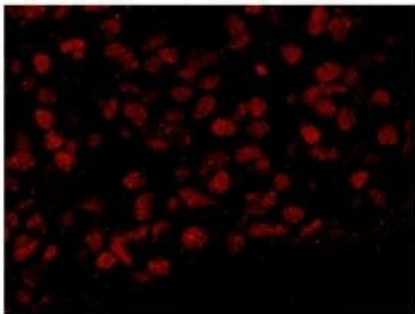
Detection: DAB staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BAF53A antibody (ab84486)

ab84486 at 1/250 dilution staining formalin-fixed, paraffin-embedded section of mouse teratoma by immunohistochemistry.

Detection: DAB staining.



Immunocytochemistry/ Immunofluorescence - Anti-BAF53A antibody (ab84486)

ab84486 used a dilution of 1/100 staining formalin-fixed, paraffin-embedded section of human breast carcinoma by immunofluorescence.

Detection: Red-fluorescent goat anti-rabbit IgG.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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